



A.D. 1856 N^o 1001.

S P E C I F I C A T I O N

OF

MALCOLM WILLIAM HILLES.

TRUSSES.

L O N D O N :

PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,

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1856.



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Trusses.

(This Invention received Provisional Protection, but notice to proceed with the application for Letters Patent was not given within the time prescribed by the Act.)

PROVISIONAL SPECIFICATION left by Malcolm William Hilles at the Office of the Commissioners of Patents, with his Petition, on the 26th April 1856.

I, MALCOLM WILLIAM HILLES, of Percy Street, Bedford Square, in the
5 County of Middlesex, Surgeon, do hereby declare the nature of the said Invention for IMPROVED APPARATUS APPLICABLE TO THE TREATMENT AND CURE OF RUPTURE, PROLAPSUS UTERI, AND OTHER PROTRUSIONS OF THE VISCERA, to be as follows:—

The object of this Invention is, first, to retain pressing pads or cushions
10 in the required position, and prevent as far as may be the possibility of their shifting; and, secondly, to give greater ease to the patient wearing such appliances.

To this end, I employ pads constructed so as to expand or contract at the desire or need of the patient, and thereby to increase or diminish the pressure
15 upon the part affected. The pad I prefer to construct of two dish-shaped plates, which I cover with soft leather or other suitable material, and connect together by a central regulating screw provided with a milled head. This screw passes through the outer plate, and takes into a tapped socket attached to the inner face of the other plate, and by means of guide pins I ensure the
20 parallelism of these plates. Pads thus constructed I propose to apply (by

Hilles' Improvements in Trusses.

preference) to tight-fitting drawers, provided with pockets to receive them, which pockets must be situated so as to come directly over the part or parts of the person intended to receive pressure ; or the pads may be fitted to belts or bands. When the drawers or belts are put on and fastened, the patient can readily increase the pressure of the pad to any required amount by expanding 5 it, and, when desirable, he can as easily reduce the pressure, the screw head or its equivalent being for that purpose made accessible.

LONDON:

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Printers to the Queen's most Excellent Majesty. 1856.